

Fig. 1

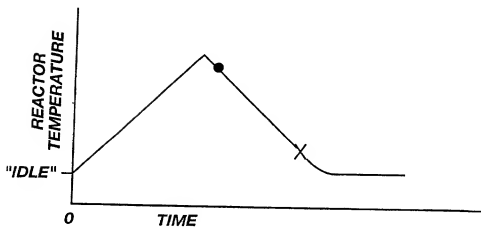


Fig. 3

204770.15024001

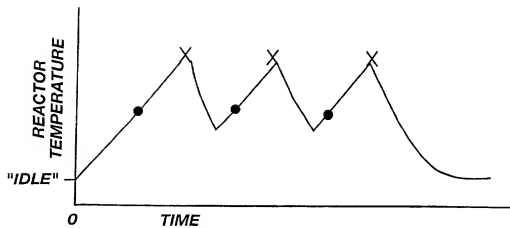


Fig. 2

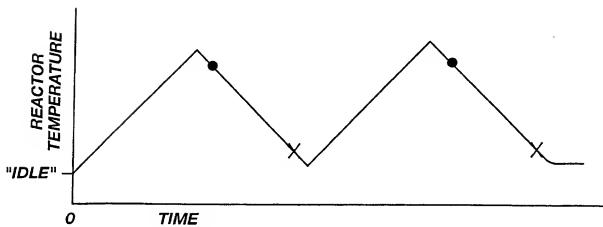


Fig. 6

TENCOR INSTRUMENTS PROMETRIX UV-1250SE
 TENCOR PRSE401

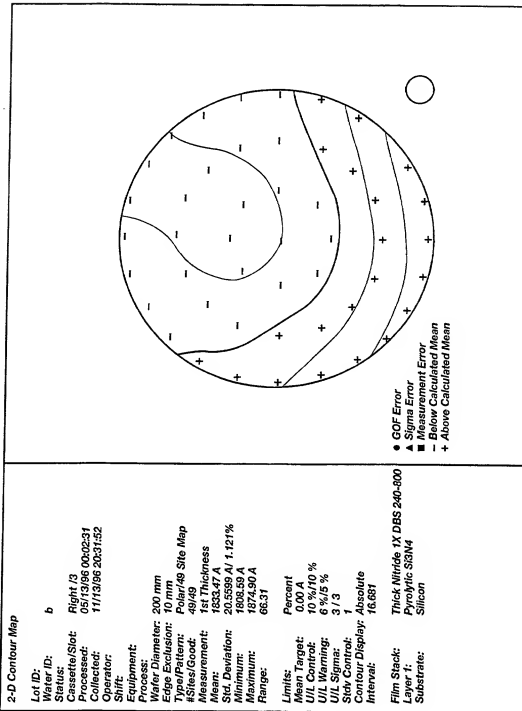


Fig. 4
 (PRIOR ART)

TENCOR INSTRUMENTS PROMETRIX UV-1250SE
TENCOR PRSE401

2-D Contour Map

Lot ID: bottom/center
Water ID:
Status: Right /4
Cassette/Slot: 05/07/95 000231
Processed: 11/16/96 21:48:07
Operator: 11177
Shift: 2
Equipment: 112
Process: 90 deg 124
Water Diameter: 200 mm
Edge Exclusion: 10 mm
Type/Pattern: Polar/49 Site Map
#Sites/Good: 49/49
Measurement: 1638.30 A
Mean: 1638.37 A
Std. Deviation: 1811.57 A
Minimum: 1638.37 A
Maximum: 1859.97 A
Range: 46.41
Limits: Percent
Mean Target: 0.00 A
Upper Control: 5.7410 %
Upper Warning: 5.9785 %
Lower Warning: 3.713
Lower Control: 1
Side Control:
Contour Display: Absolute
Interval: 123395
Film Stack: Thick Nitride 1X DBS 240-800
Layer 1: Pyrolytic Si3N4
Substrate: Silicon

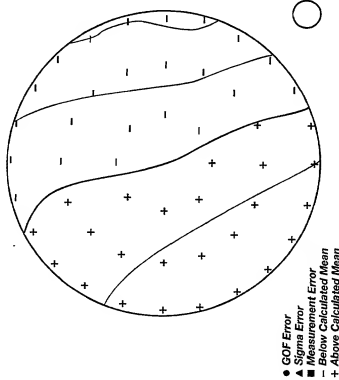


Fig. 5

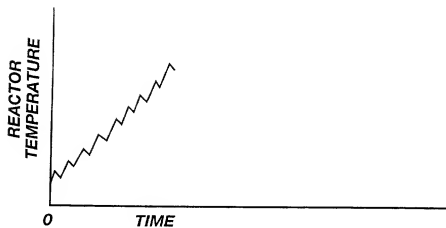


Fig. 7

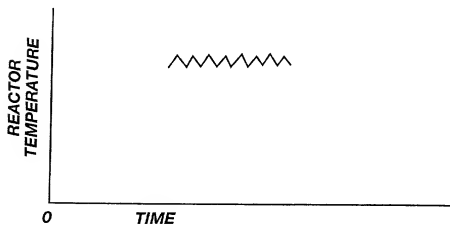


Fig. 8

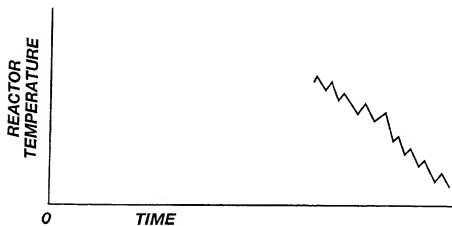


Fig. 9

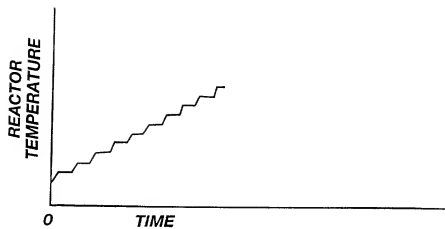


Fig. 7a

20147051.011402

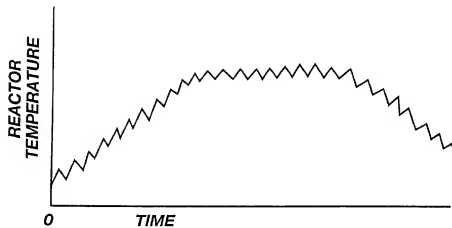


Fig. 10a

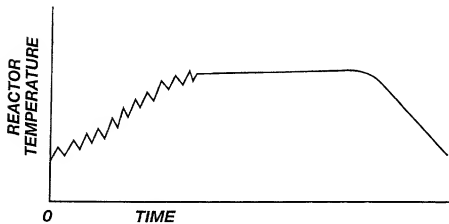


Fig. 10b

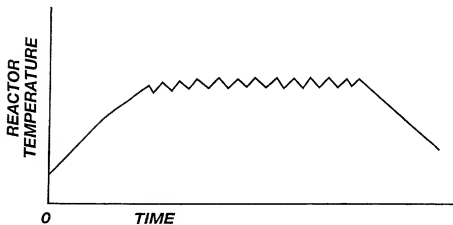


Fig. 10c

204110-15024001

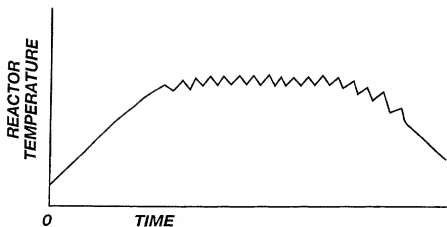


Fig. 10d

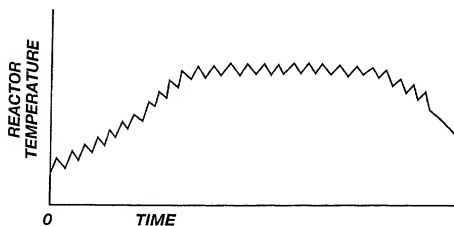


Fig. 10e

201110-15064001

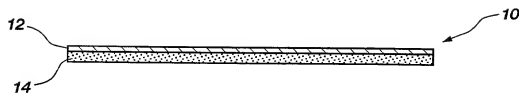


Fig. 11

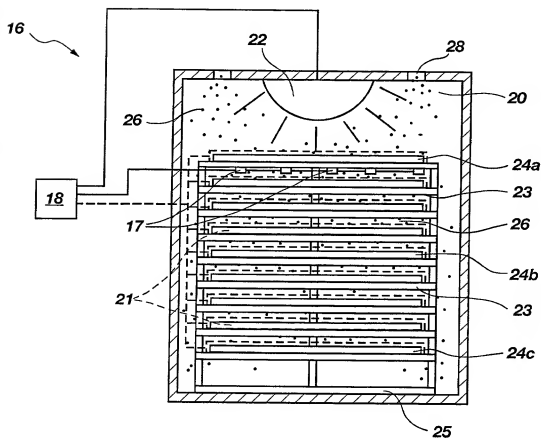


Fig. 12